

## Clover Valley Groundwater Basin

- Groundwater Basin Number: 5-58
- County: Plumas
- Surface Area: 16,780 acres (26 square miles)

### Basin Boundaries and Hydrology

The Clover Valley Groundwater Basin is an irregular shaped basin that includes McReynolds Valley, Squaw Valley, Clover Valley, and Wakeynolds Valley. The valleys consist of deposits of alluvium and lake sediments. The basin is bounded by Miocene volcanic rocks on the north, east, and south and by Recent volcanic and Mesozoic granitic rocks to the west (Lydon 1960). Dixie Creek and Red Clover Creek drain the southern two-thirds of the basin to the west and Squaw Queen Creek drains the northern third of the basin to the northeast. Annual precipitation ranges from 19- to 27-inches, increasing to the south.

### Hydrogeologic Information

Hydrogeologic information was not available for the following:

***Water-Bearing Formations***

***Groundwater Level Trends***

***Groundwater Storage***

***Groundwater Budget***

***Groundwater Quality***

### Well Characteristics

Well yields (gal/min)		
Municipal/Irrigation	NKD	
Total depths (ft)		
Domestic	Range: 95 – 240	Average: 147 (9 Well Completion Reports)
Municipal/Irrigation	Range: NKD	
NKD – No Known Data		

### Active Monitoring Data

Agency	Parameter	Number of wells /measurement frequency
	Groundwater levels	NKD
	Miscellaneous water quality	NKD
NKD – No Known Data		

## Basin Management

Groundwater management:	No known groundwater management plans, groundwater ordinances, or basin adjudications.
Water agencies	
Public	None
Private	None

## Selected References

- California Department of Water Resources. 1963. Northeastern Counties Groundwater Investigation, Volume 1, Text. California Department of Water Resources. Bulletin 98. 224 p.
- California Department of Water Resources. 1963. Northeastern Counties Investigation, Volume 2, Plates. California Department of Water Resources. Bulletin 98.
- California Department of Water Resources. 1965. Northeastern Counties Ground Water Investigation, Appendix C, Geology. California Department of Water Resources, Northern District. Bulletin 98.
- Lydon PA, Gay TE, Jennings CW. 1969. Geologic Atlas of California [Westwood Sheet]. California Division of Mines and Geology.

## Additional References

- Bailey EH. 1966. Geology of Northern California. California Division of Mines and Geology. Bulletin 190.
- California Department of Water Resources. 1975. California's Ground Water. California Department of Water Resources. Bulletin 118.
- California Department of Water Resources. 1980. Ground Water Basins in California. California Department of Water Resources. Bulletin 118-80.
- Dickinson WR, Ingersoll RV, Graham SA. 1979. Paleogene Sediment Dispersal and Paleotectonics in Northern California. Geological Society of America Bulletin 90:1458-1528.
- Hill M. 1975. Geology of the Sierra Nevada: University of California Press. 232 p.
- Planert M, Williams JS. 1995. Ground Water Atlas of the United States, Segment 1, California, Nevada. USGS. HA-730-B.
- Saucedo GJ, Wagner DL. 1992. Geologic Map of the Chico Quadrangle, California. California Division of Mines and Geology.

## Errata

Changes made to the basin description will be noted here.